

Name: _____

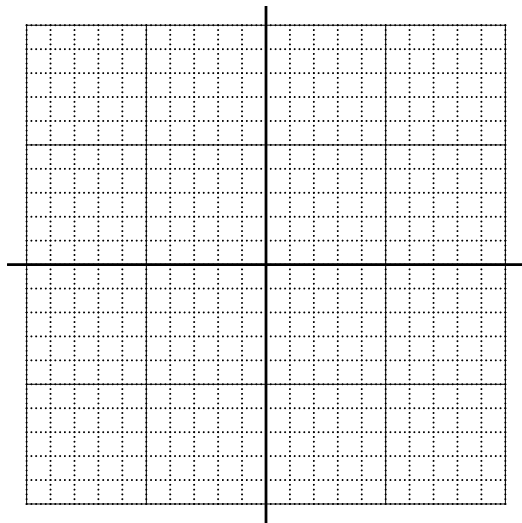
Date: _____

PCW__09__29: Graph Parent Translations (version 17)

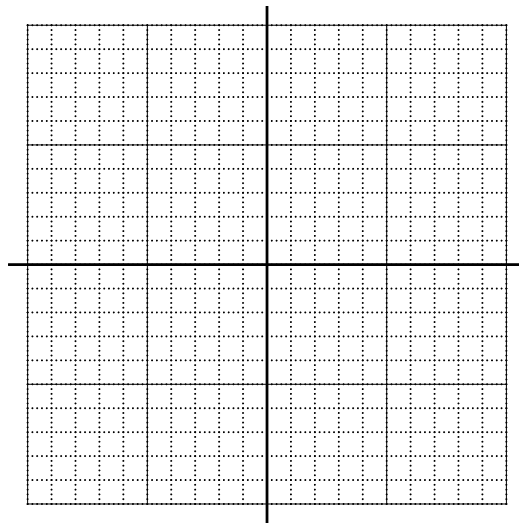
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

Clearly mark every solution where x and y are both integers with a small dot along the curve.

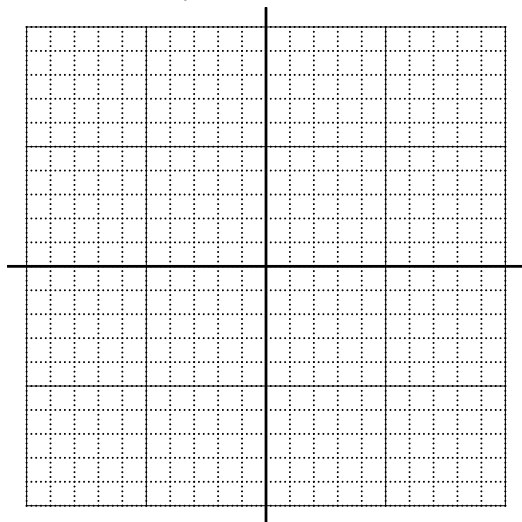
$$y = (x - 2)^2 - 5$$



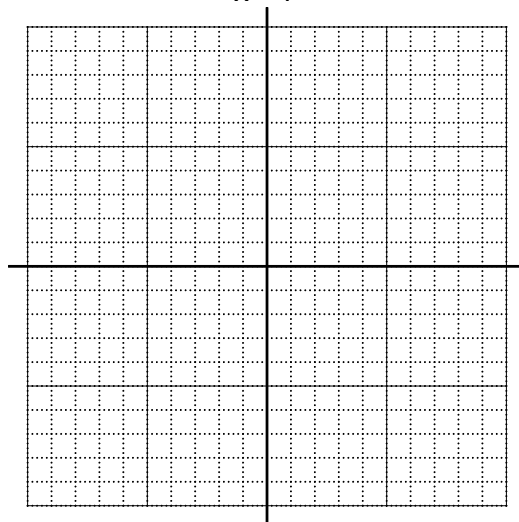
$$y = |x + 4| + 1$$



$$y = \sqrt[3]{x + 4} - 1$$

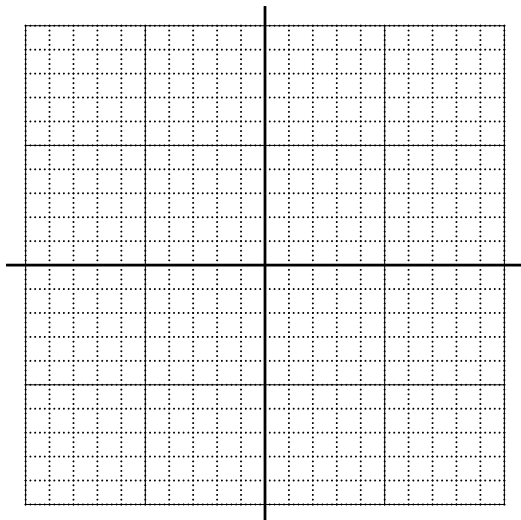


$$y = \frac{1}{x - 4} + 1$$

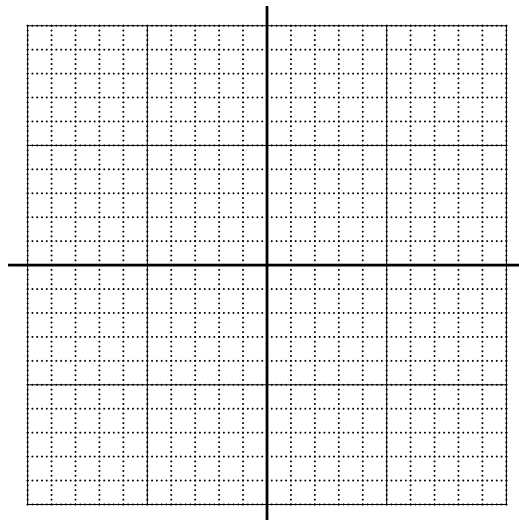


PCW_09_29: Graph Parent Translations (version 17)

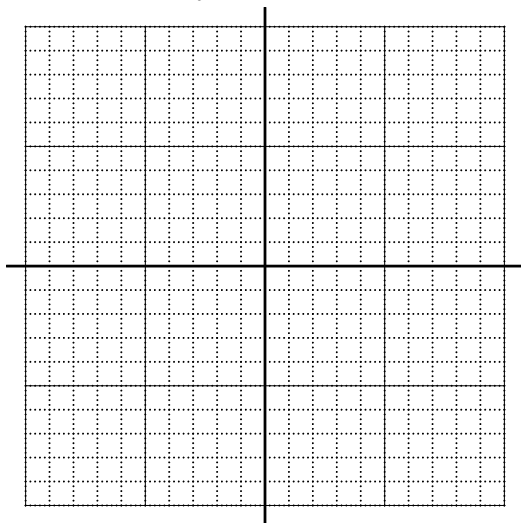
$$y = (x - 1)^3 + 4$$



$$y = \sqrt{x + 3} + 4$$



$$y = 2^{x-5} - 3$$



$$y = \log_2(x + 4) - 1$$

